



# Thinvent Neo H Mini PC

## Intel Core i5-1335U processor

10 core, up to 4.6 GHz, 12 MB cache

## 4GB DDR4 RAM

## 512GB SSD

## Dual Band WiFi

## Thinix Embedded Linux

## DB9 Serial

SKU: H-I5\_13-4-M512-12\_5-M-THINUX-1S



Unleash unparalleled power in a compact, industrial-grade design.

The Thinvent® Neo H Mini PC is the high-performance evolution of our bestselling Neo model, engineered to be an industrial workhorse. This robust device, our largest and most powerful, combines a formidable Intel® Core™ i5-1335U processor with 10 cores and up to 4.6 GHz, alongside 16GB DDR4 RAM and a lightning-fast 512GB SSD. Experience seamless multitasking and rapid data access for even the most demanding applications.

Built for the toughest environments, its solid steel housing with a durable powder-coated black finish ensures longevity. Designed and made in India, the Neo H offers reliability you can trust, suitable for critical industrial control and similar applications.

### Connectivity Options

- Comprehensive I/O with HDMI, VGA, two USB 3.2, two USB 2.0, Gigabit Ethernet, and dual-band Wi-Fi 5.

- Essential DB9 serial port for legacy and industrial equipment.

### Thinvent® Thinix™ Embedded Linux

- Secure and optimized operating system.
- Includes Chromium and Firefox browsers for web access.
- Advanced remote management: RDP 10 with RemoteFX, SSH, VNC shadowing, and browser-based control.
- Productivity tools like LibreOffice and PDF viewer.
- Supports Java, Python, and glibc applications, plus multimedia and SIP video/voice.

Compact yet powerful, the Neo H measures just 210mm × 202mm × 80mm, operating reliably from 0°C to 40°C. Certified with BIS, RoHS, and ISO, it's the ultimate solution for high-performance industrial computing.

# Thinvent Neo H Mini PC



## Specifications

### PROCESSING

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Generation	13th
Series	i5
Processor Brand	Intel
Processor Model	1335U
Cores	10
Max Frequency	4.6 GHz
Cache	12 MB
Main Memory	4 GB
SSD Storage	512 GB

### DISPLAY

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HDMI	1
VGA	1

### AUDIO

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Speaker Out	1
Mic In	1

### CONNECTIVITY

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USB 3.2	2
USB 2.0	2
Serial Port	1 DB9 male RS232

### NETWORKING

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Ethernet	1000 Mbps
Wireless Networking	Wi-Fi 5 (802.11ac), dual band

### POWER

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DC Voltage	12 Volts
DC Current	5 Amps
Power Input	100~240 Volts AC, 50~60 Hz, 1.5 Amps maximum
Cable Length	2 Metre

### ENVIRONMENTAL

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Operating Temperature	0°C ~ 40°C
Operating Humidity	20% ~ 80% RH, non condensing
Certifications	BIS, RoHS, ISO

### PHYSICAL

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Form Factor	Mini PC
Dimensions	210mm × 202mm × 80mm
Packing Dimensions	340mm × 235mm × 105mm
Housing Material	Steel
Housing Finish	Powder Coated
Housing Colour	Black
Net and Gross Weight	1.62kg, 2.04kg

### OPERATING SYSTEM

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Operating System	Thinvent® Thinux™ Embedded Linux
OS Features	Chromium and Mozilla Firefox browsers. RDP 10 (RemoteFX, H.264/AVC), Putty and SSH for remote display. Browser based remote management. VNC shadowing. Java, Python and glibc based location application support. LibreOffice and PDF viewer. Multimedia player with MPEG4 support. SIP video and voice over IP.

## Ordering Information

### PRODUCT CODE

**H-i5\_13-[RAM]-[SSD]-12\_7-[Wireless]-[OS]-[Accessories]**

<b>RAM</b>	<b>4</b> = 4GB DDR4	<b>8</b> = 8GB DDR4	<b>16</b> = 16GB DDR4	<b>32</b> = 32GB DDR4
	<b>64</b> = 64GB DDR4			
<b>SSD</b>	<b>m128</b> = 128GB		<b>m256</b> = 256GB	
	<b>m32</b> = 32GB		<b>m512</b> = 512GB	
	<b>m1024</b> = 1TB		<b>S32</b> = 32GB MLC	
	<b>S128</b> = 128GB		<b>S256</b> = 256GB	
<b>Wireless</b>	<b>m</b> = Dual Band WiFi		<b>X</b> = No WiFi	
<b>OS</b>	<b>DOS</b> = DOS		<b>W_OS</b> = Without OS	
	<b>11V</b> = Windows 11 IoT Value		<b>11P</b> = Windows 11 Pro	
	<b>Thinux</b> = Thinux™ Embedded Linux		<b>U</b> = Ubuntu Linux	
<b>Accessories</b>	<b>0</b> = None		<b>KM</b> = Keyboard and Mouse set	
	<b>1S</b> = DB9 Serial		<b>MK</b> = Mechanical Keyboard	
	<b>Mo</b> = Wired Optical Scroll Mouse			

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